

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

ANCHOR STONE COMPANY

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements in the application, a permit is hereby granted to engage in surface mining of limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on 103 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal


County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Jasper	34	28N	32W	103	0	103	Jasper County Quarry	0651

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 13th day of August 2004

Permit No. 0678
Effective Date 08/13/2004
Expiration Date 08/08/2005

MO 780-1122 (6-95)


DIRECTOR OF STAFF
Land Reclamation Commission

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND RECLAMATION COMMISSION
P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Anchor Stone Company		DATE 7/28/04	
ADDRESS 2021 South Lewis Avenue, Suite 470	CITY Tulsa	STATE OK	ZIP CODE 74104
CONTACT PERSON Tom Snyder		TELEPHONE NUMBER 918-744-8820	
FEES: COMPLETE SECTION I OR SECTION II			
SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:			
1. To compute the site fee complete the information below:			
SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300	
1. Jasper County Quarry	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300.00	
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$	
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$	
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$	
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$	
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$	
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$	
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$	
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$	
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$	
TOTAL SITE FEE		\$ 300.00	
2. Acreage Fee \$5 X <u>103</u> number of acres bonded		\$ 515.00	
3. Annual Permit Fee		\$ 500	
4. Total Fee (Add totals from 1, 2 and 3)		\$ 1,315.00	
NOTE: If Total Fee exceeds \$2,500.00 then pay only		\$ 2,500	
SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:			
1. Annual Permit Fee		\$ 300	
SIGNATURE OF APPLICANT <i>Tom Snyder</i>	TITLE President	DATE <i>7-30-04</i>	
Appeared before me this <u>30</u> day of <u>July</u> , 20 <u>04</u> , <u>Tom Snyder</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <u>Oklahoma</u>	COUNTY (OR CITY OF ST. LOUIS) <u>Tulsa</u>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>30</u> DAY OF <u>July</u> YEAR <u>2004</u>		
	NOTARY PUBLIC SIGNATURE <i>Kim Cruse</i>	MY COMMISSION EXPIRES <u>7-11-08</u>	USE RUBBER STAMP IN CLEAR AREA BELOW. <u># 00009290</u>
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>Kim Cruse</u>		
FOR DEPARTMENT USE ONLY: APPROVED BY <i>[Signature]</i>	DATE APPROVED <u>8/9/04</u>	PERMIT NUMBER <u>0678</u>	EXPIRATION DATE <u>8/8/2005</u>



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

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To be completed for each separate area of disturbance associated with mining operations.

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SITE NAME OR NUMBER Jasper County Quarry		PERMIT NUMBER 0678, 8242	
COMPANY NAME Anchor Stone Company			
COUNTY Jasper	1/4 SECTION SE	SECTION 34	
TOWNSHIP 28	RANGE 32	ACRES 103	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) N/A			
MINERAL COMMODITY limestone		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) N/A	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Earl T. Jr. and Alice Darlene Jeffries		
ADDRESS 6947 E. 20th St.		
CITY Joplin	STATE MO	ZIP CODE 64801
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT 3/1/98

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Same as above, and also attached.		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____ <input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.

LANDOWNER/MINERAL RIGHTS OWNER FOR WESTERN TRACT:

Evergreen Materials
2021 S. Lewis, Ste. 407
Tulsa, OK 74104

Source of right to mine = lease

Date of agreement = 1996

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

COMPANY NAME

Anchor Stone Company

☒ LONG TERM, FOR PERIOD THROUGH DATE: 06-01-2018

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

This plan covers an area of approximately 103 acres. (See detail map) Most of the mine area is flat prairie with very few trees. Top soil depth is typically less than 12 inches and overburden under top soil is very rocky. Jeffries Tract previously mined, with some reclamation activity having occurred, by Bob Nelson.

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OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

< 12

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

The top soil will be removed by scraper, to a depth of no more than 12 inches. Top soil removal will be kept at least 20 feet ahead of pit excavation.

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

The scrapers will deposit the soil in stock piles on the site. The stock piles will be shaped and seeded to prevent erosion.

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B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

All overburden removed from the quarry will be placed in berms on the north, east and west boundaries. Upon completion of the mining, the overburden will be placed in the mined out area of the quarry. A berm will be constructed at the north boundary of the Jeffries tract. Approximately 4.7 acres at the south part of the mined portion of the Jeffries tract will be filled to current elevations with 3:1 slopes, and reseeded.

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

None

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D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

Pits will encompass the areas marked as "water impoundment" on the detail map, plus an approximate 4.7 acre segment extending southward from the south "water impoundment" line on the Jeffries tract, with a 200 foot buffer zone to the east.

YES NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.
A. REVEGETATION (Attach additional sheets, if needed)

VEGETATION MIX #1	PURPOSE OR LAND USE Water Impoundment	B. SEEDING OR PLANTING TIME Spring (March 15-May 15)
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

After mine excavation is complete, a water impoundment will be left in the mined out area. However, mined out areas will be seeded with fescue during the life of the mine to reduce dust and erosion.

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Fescue	25	N/A	N/A

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VEGETATION MIX #2	PURPOSE OR LAND USE Agricultural	B. SEEDING OR PLANTING TIME Spring (March 15-May 15)
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DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

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RECLAMATION COMMISSION

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1. Area to be reclaimed for Agricultural use will be seeded w/ Fescue.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Fescue	25	N/A	N/A

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

All spoil areas will be graded to slopes traversable by farm machinery.

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C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES**GRADING**

Grading will be performed as the pit advances and spoil is placed in the mined out area. Final grading will be performed within one year of permit expiration in mined out portions.

REPLACEMENT OF TOPSOIL

Top soil replacement will be performed as the pit advances and spoil is placed in the mined out area for the area not intended to be a water impoundment. Final top soil replacement will be performed within one year of permit expiration.

If there is less than 12 inches of top soil, then 12 inches of the best available material (including all available top soil) will be used.

REVEGETATION

Revegetation will be performed as the pit advances and spoil is placed in the mined out area for the area not intended to be a water impoundment. Final revegetation will be performed within one year of permit expiration in mined out portions.

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

<12

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

0

Agricultural (pasture, cropland, and horticultural)

31

Development (residential, industrial, and recreational)

0

Water impoundments (for wildlife, agricultural, or development)

72

By my signature, I attest to the following:


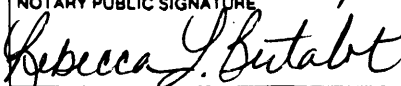

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

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SIGNATURE OF APPLICANT 		TITLE President	DATE 4/28/98
NOTARY PUBLIC EMBOSSEER SEAL	STATE Oklahoma	COUNTY (OR CITY OF ST. LOUIS)	
SUBSCRIBED AND SWORN BEFORE ME, THIS 27th DAY OF April 1998		USE RUBBER STAMP IN CLEAR AREA BELOW	
NOTARY PUBLIC SIGNATURE 		MY COMMISSION EXPIRES 4-14-2001	
NOTARY PUBLIC NAME (TYPED OR PRINTED) Rebecca L. Bertalot			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		DATE APPROVED 9/1/98	PERMIT NUMBER 0678

TRACT OWNED BY EARL T. JR.
& ALICE DARLENE JEFFRIES

TRACT OWNED BY EVERGREEN MATERIAL

PLANT AREA

OFFICE

NEWMAN ROAD

(19)

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= PLAN AREA BOUNDARY & PERMIT
AREA BOUNDARY

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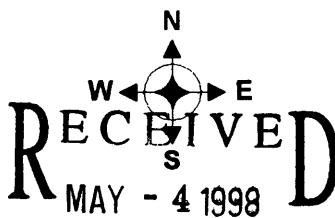
ENERCON SERVICES, INC.

= PROPERTY LEASED BY ANCHOR
STONE COMPANY

= POST MINING LAND USE;
AGRICULTURAL

= POST MINING LAND USE;
WATER IMPOUNDMENT

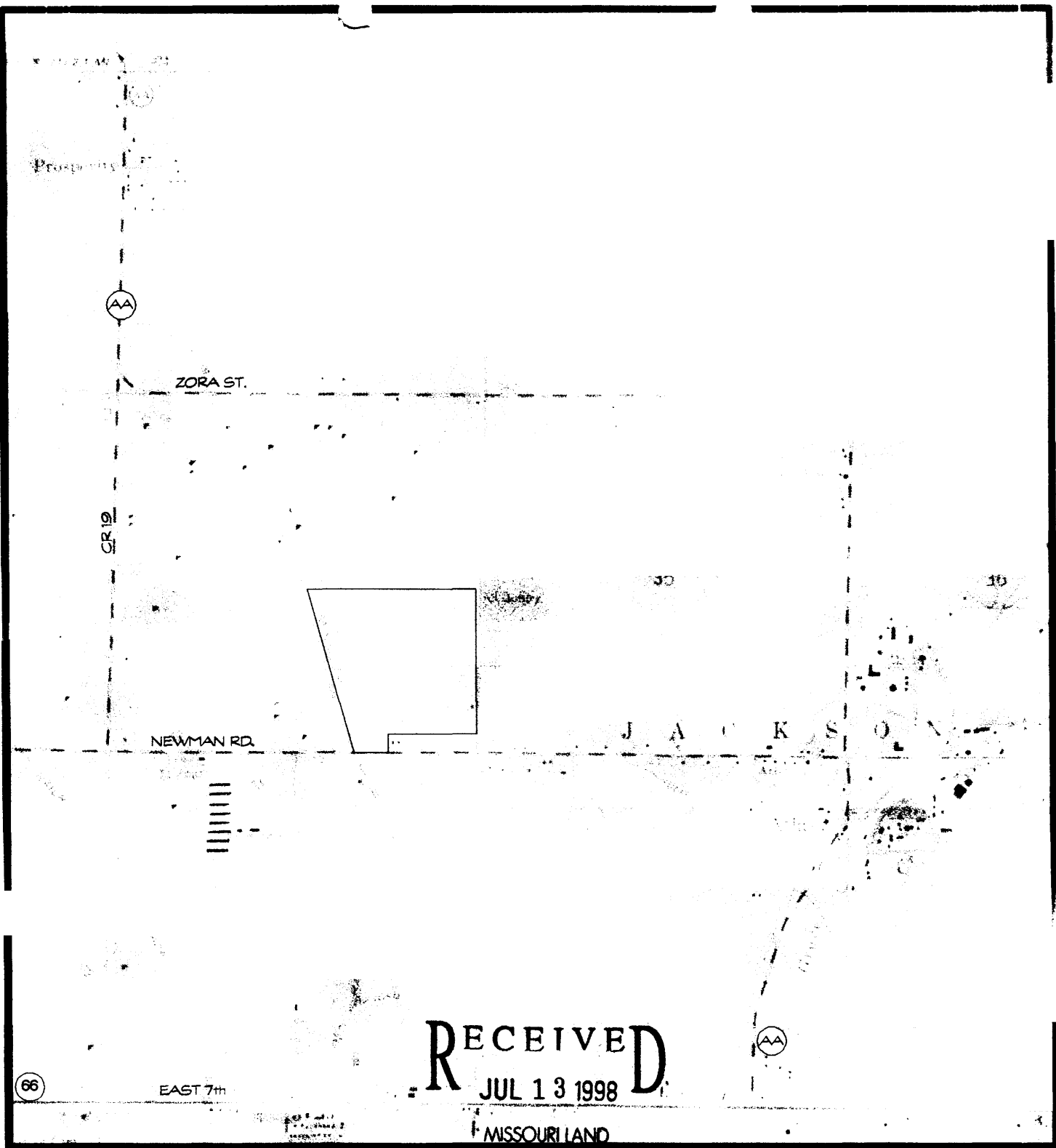
SCALE 1" = 440'



DETAIL MAP
ANCHOR STONE COMPANY
JASPER COUNTY QUARRY
PERMIT No. 678
Sec.34, T28N, R32W

Project No: AS-101 Date: 4/13/98 By: JLP

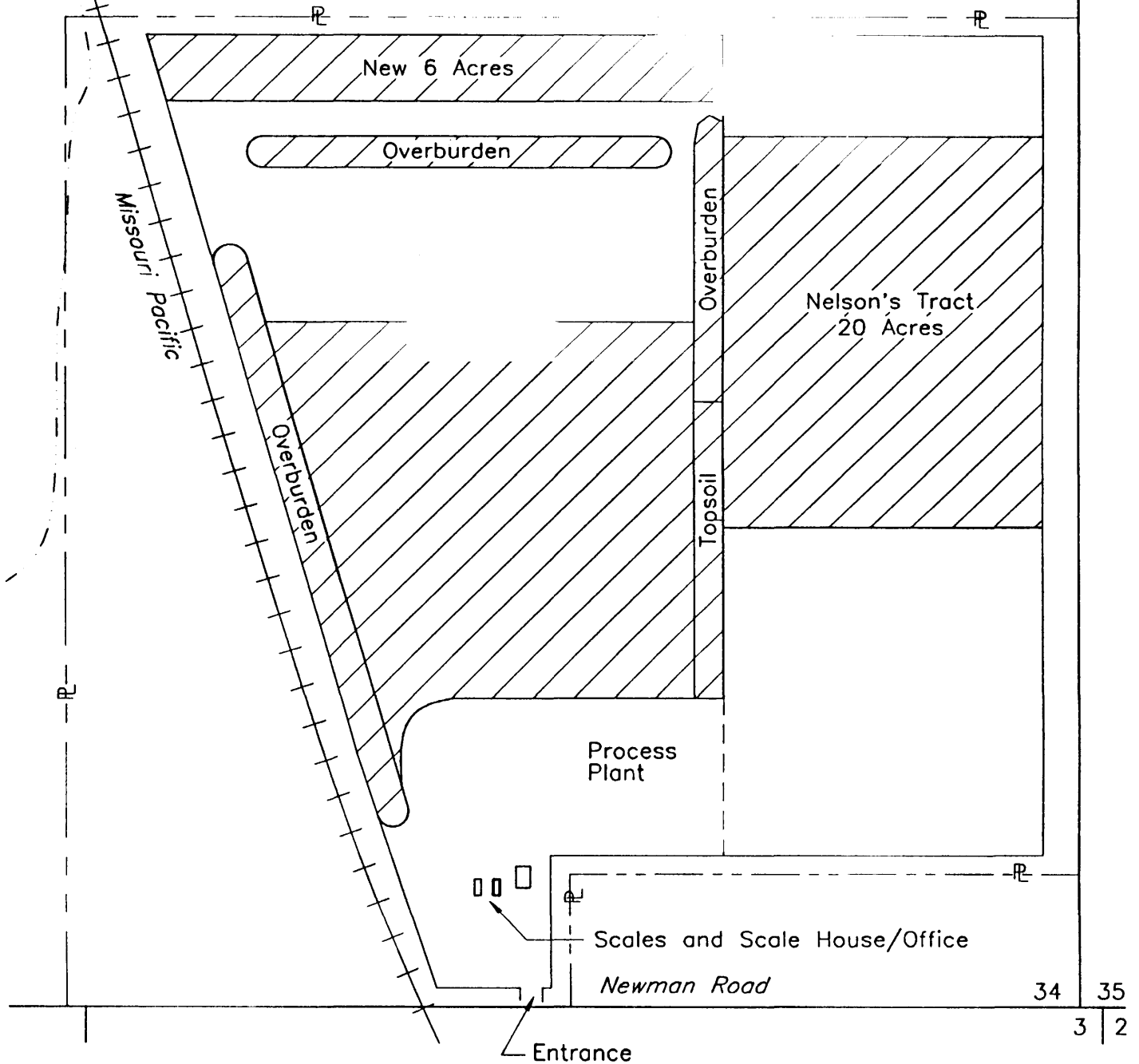
MISSOURI LAND
RECLAMATION COMMISSION



<p>USGS TOPOGRAPHIC MAP JOPLIN EAST QUADRANGLE 7.5 MIN SERIES - 10 FT CONTOUR INTERVALS JASPER COUNTY, MISSOURI</p> <p>RECEIVED MAY - 4 1998</p> <p>SCALE (FEET)</p>	<p>ENERCON SERVICES, INC.</p> <p>LOCATOR MAP ANCHOR STONE COMPANY JASPER COUNTY QUARRY</p> <p>Project No.: AS-101 Date: 4/13/98 By: JLP</p>
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NOV - 5 1996

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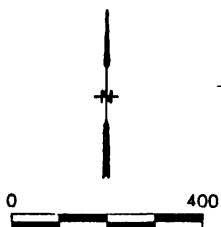


All surface and subsurface
rights owned by Evergreen Materials

— — — Property Line

 Permitted Area

— — — Unnamed Creeks or Streams



ANCHOR STONE
JASPER QUARRY

DETAIL MAP

Section 34, T-28-N, R-32-W

Prepared by: Wilson Consulting Group, Inc.

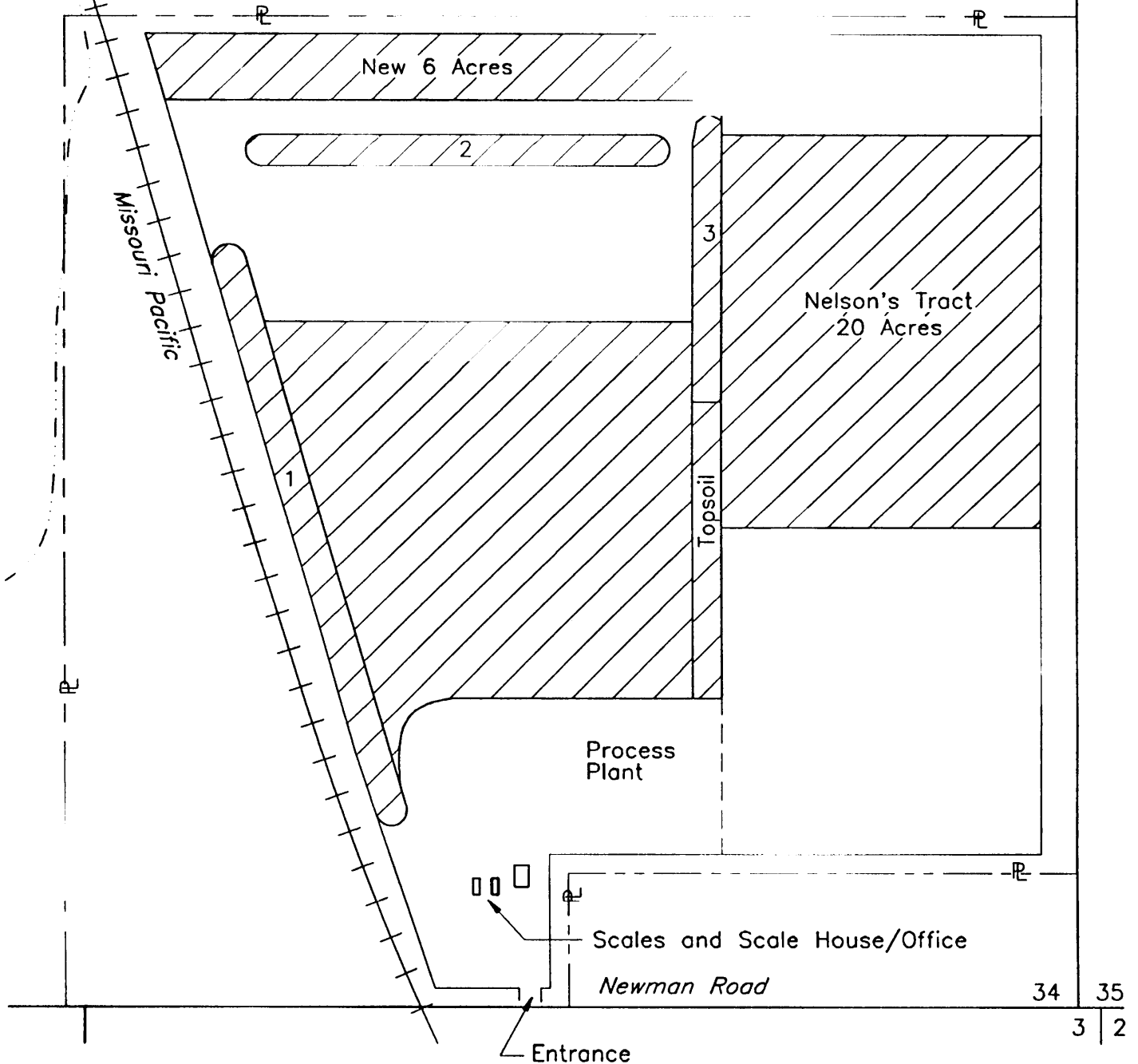
Date: 10/31/96

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Note:

Variance requested
for piles 1, 2 and 3.



All surface and subsurface
rights owned by Evergreen Materials

— R — Property Line

▨ Permitted Area

— — Unnamed Creeks or Streams

ANCHOR STONE
JASPER QUARRY

VARIANCE MAP

Section 34, T-28-N, R-32-W

Prepared by: Wilson Consulting Group, Inc.

Date: 10/31/96

R 32 W

Elm

Prosperity

28

27

26

AA

Missouri Pacific

Zora Street

T
28
N

33

CR 19

34

35

Newman Road

T
27
N

Travis Acres

4

3

2


AA

66

East 7th

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 Mine Plan Area

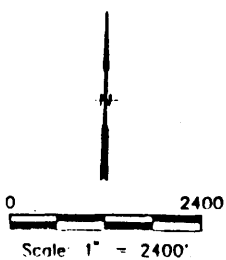
ANCHOR STONE
JASPER QUARRY

LOCATOR MAP

Section 34, T-28-N, R-32-W
Jasper County, Missouri

Prepared by: Wilson Consulting Group, Inc.

Date: 1/17/96



APR 03 1996

M. E. C.

52 Acres
Western Tract

40 Acres
Nelson Tract

Missouri Pacific

Nelson Tract
Permitted for
20 Acres



New Permitted
20 Acres

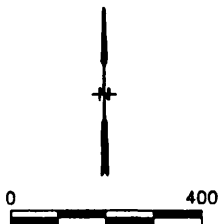
Original Permitted
10 Acres

Newman Road

34 35
3 2

All surface and subsurface
rights owned by Tom Jeffries
(Nelson Tract) and Ralph L.
Sparks (Western Tract)

-  Plan Area (92 Acres)
 Permit Area (50 Acres)



ANCHOR STONE
JASPER QUARRY (a.k.a. Joplin Quarry)

DETAIL MAP
Section 34, T-28-N, R-32-W
Jasper County, Missouri

Prepared by: Wilson Consulting Group, Inc.

Date: 3/29/96

R 32 W

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APR 03 1996

M. E. C.

Elm

Prosperity

28

27

26

AA

Missouri Pacific

ra Street

CR 19

33

34

35

Newman Road

4

3

2

AA

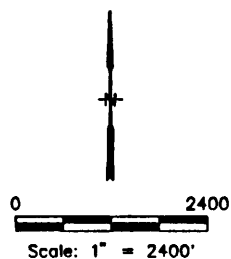
T
28
N

T
27
N

Travis Acres

66

East 7th



-  Mine Plan Area
-  Nelson Tract

ANCHOR STONE
JASPER QUARRY (a.k.a. Joplin Quarry)

LOCATOR MAP
Section 34, T-28-N, R-32-W
Jasper County, Missouri

Prepared by: Wilson Consulting Group, Inc.

Date: 3/29/96

R 32 W

Elm

Prosperity

28

27

26

AA

Missouri Pacific

Zora Street

CR 19

33

34

35

Existing
Mine
Plan

Newman Road

Travis Acres

4

3

2

AA

66

East 7th

T
28
N

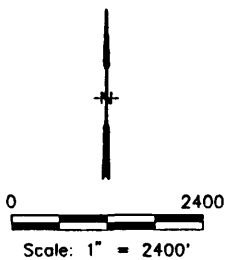
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Mine Plan Area



ANCHOR STONE
JOPLIN QUARRY

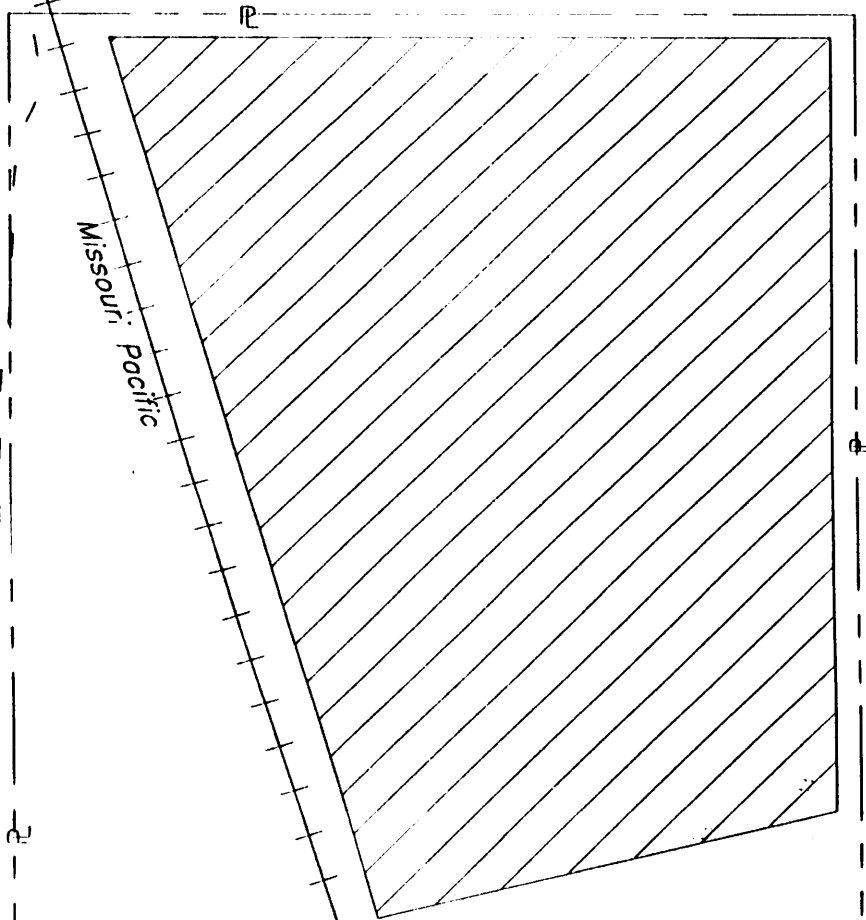
LOCATOR MAP
Section 34, T-28-N, R-32-W
Jasper County, Missouri

Prepared by: Wilson Consulting Group, Inc.

Date: 8/14/95

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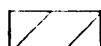
Newman Road

34 35

3 2



0 400



Water Impoundment (52 Acres)



Unnamed Creeks or Streams

ANCHOR STONE
JASPER COUNTY MINE

POST RECLAMATION
LAND USE MAP
Section 34, T-28-N, R-32-W

Prepared by: Wilson Consulting Group, Inc.

Date: 5/31/95




Missouri Pacific

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Newman Road MISSOURI LAND
RECLAMATION COMMISSION

34 35
3 | 2

All surface and subsurface
rights owned by Tom Jeffries

-  Plan Area (40 Acres)
-  Permit Area (20 Acres)
-  Area previously planned for
Mining by Anchor Stone

0 400

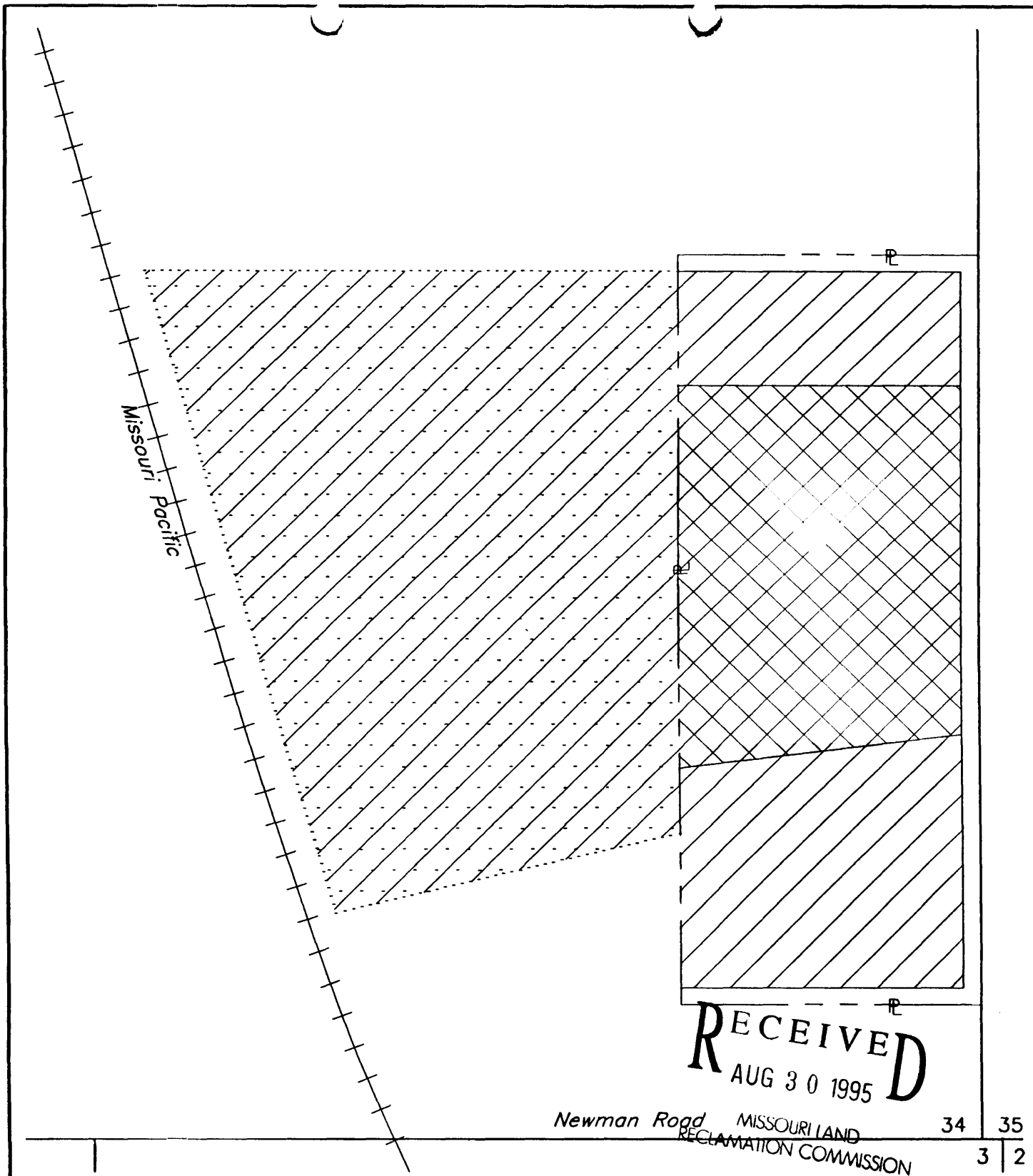
ANCHOR STONE
JOPLIN QUARRY




DETAIL MAP

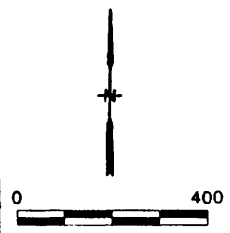
Section 34, T-28-N, R-32-W

Prepared by: Wilson Consulting Group, Inc.

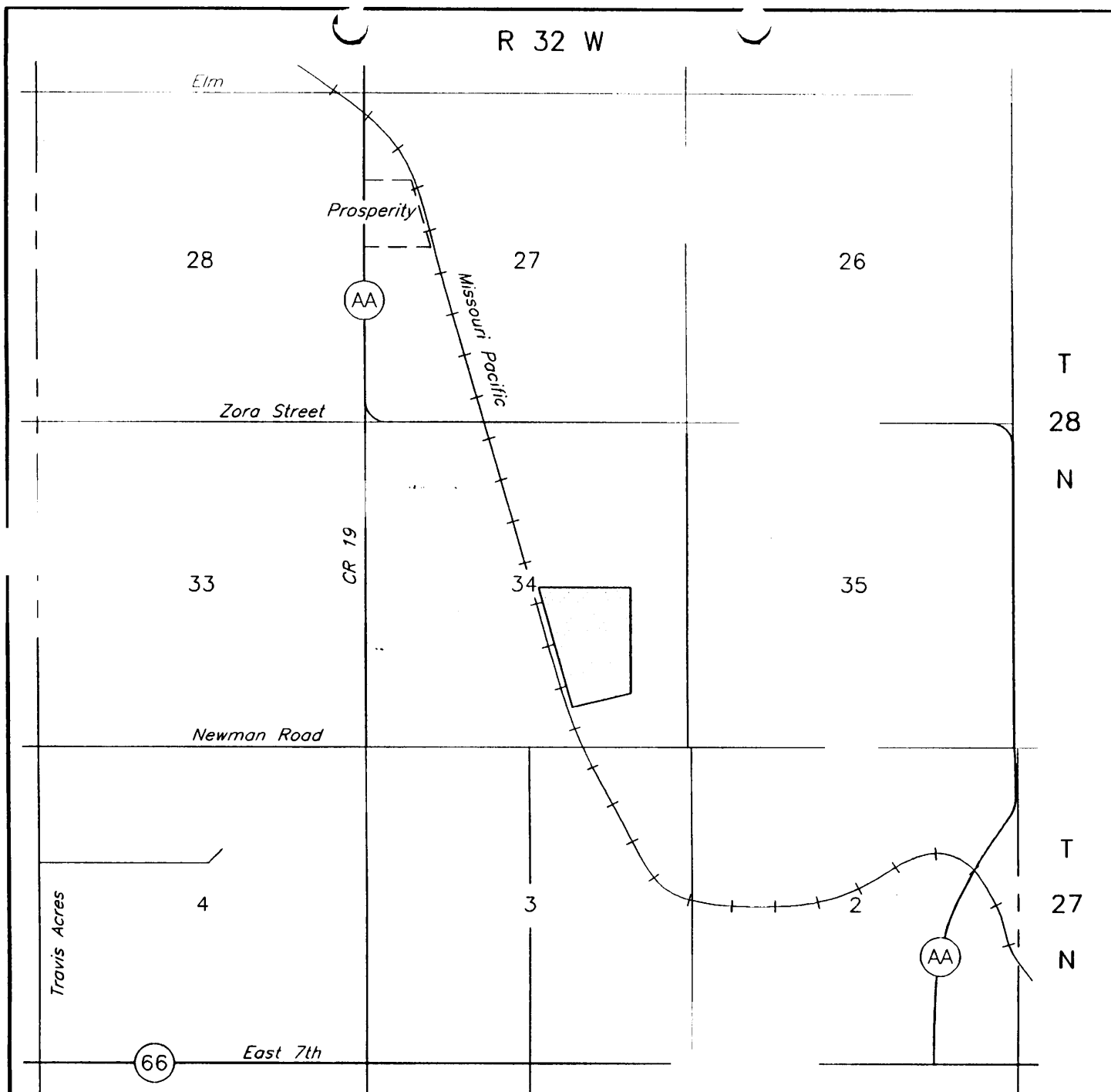
Date: 8/14/95



-  Area currently Permitted by Nelson Stone
-  Water Impoundment (90 Acres)
-  Area previously planned for Mining by Anchor Stone

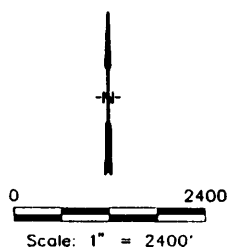



ANCHOR STONE JOPLIN QUARRY	
POST RECLAMATION LAND USE MAP	
Section 34, T-28-N, R-32-W	
Prepared by: Wilson Consulting Group, Inc.	
Date: 8/14/95	



MISSOURI LAND
RECLAMATION COMMISSION

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 Mine Plan Area

ANCHOR STONE
JASPER COUNTY MINE

LOCATOR MAP

Section 34, T-28-N, R-32-W
Jasper County, Missouri

Prepared by: Wilson Consulting Group, Inc.

Date: 5/26/95



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Missouri Pacific

Newman Road

34 35
3 2

All surface [redacted]
rights owned by [redacted] Ralph L.
Sparks

-  Plan Area (52 Acres)
-  Permit Area (10 Acres)

— — Unnamed Creeks or Streams



ANCHOR STONE
JASPER COUNTY MINE

DETAIL MAP

Section 34, T-28-N, R-32-W

Prepared by: Wilson Consulting Group, Inc.

Date: 5/31/95